

Title (en)
Antiskid control device

Title (de)
Antirutsch-Steuerungsgerät

Title (fr)
Appareil de régulation antipatinage

Publication
EP 0712770 A3 19981104 (EN)

Application
EP 95117689 A 19951109

Priority
JP 28183394 A 19941116

Abstract (en)
[origin: EP0712770A2] An antiskid control device (K1-K5) which calculates an estimated fluid pressure (PTi) of each of wheel cylinders (2A-2D) under antiskid control in each control cycle so as to adjust a fluid pressure of each of the wheel cylinders (2A-2D) on the basis of the estimated fluid pressure (PTi) and behaviors of wheels, comprising: a differential pressure detecting member which detects a difference between a fluid pressure of a master cylinder (1) and the fluid pressure of each of the wheel cylinders (2A-2D) so as to produce an output signal indicative of the difference between the fluid pressure of the master cylinder (1) and the fluid pressure of each of the wheel cylinders (2A-2D); wherein when on the basis of the output signal of the differential pressure detecting member (SS, SSW, PSWi, SPSi), the difference between the fluid pressure of the master cylinder (1) and the fluid pressure of each of the wheel cylinders (2A-2D) is found to be in the vicinity of zero, the estimated fluid pressure (PTi) of each of the wheel cylinders (2A-2D) is set to a predetermined value (PTmax) by stopping addition in calculation of the estimated fluid pressure (PTi). <IMAGE>

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Citation (search report)
• [A] EP 0548881 A2 19930630 - SUMITOMO ELECTRIC INDUSTRIES [JP] & JP H05246317 A 19930924 - SUMITOMO ELECTRIC INDUSTRIES
• [A] US 5229944 A 19930720 - YASUNO YOSHIKI [JP]
• [A] DE 4217409 A1 19931202 - LUCAS IND PLC [GB]
• [A] US 4749239 A 19880607 - ONOGI NOBUYOSHI [JP], et al
• [A] US 4046426 A 19770906 - MIYAKE KATSUYA

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